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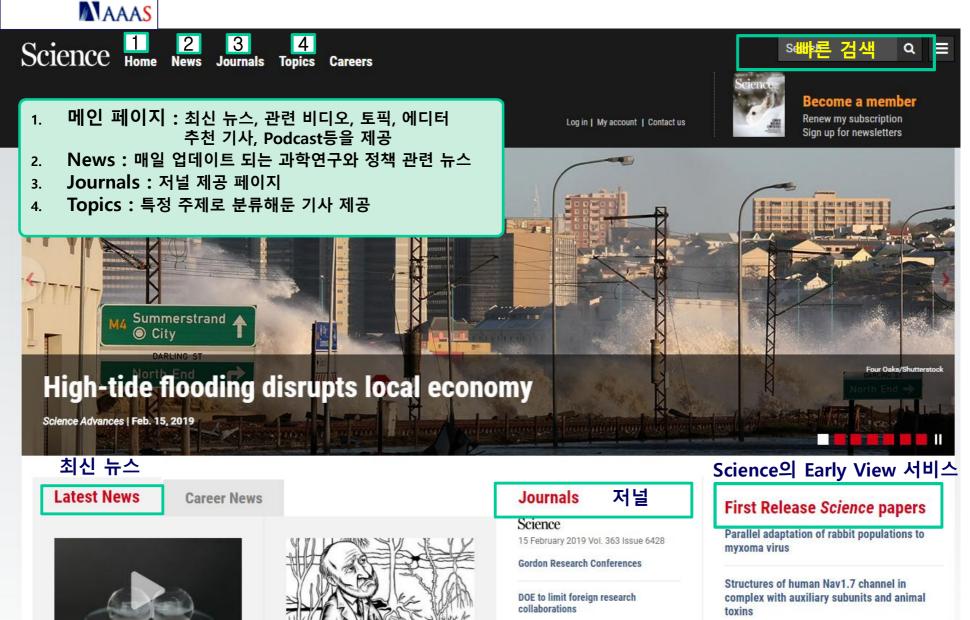
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 - Science Translational Medicine : 질병예방/치료/진단 방법과 함께 학제간
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 Science Immunology : 중요 신규 툴과 테크닉을 포함한 모든 면역학적 연구 분야의 발전을 출판
 - Science Robotics : 모든 환경에 대한 로봇 공학의 연구 및 개발의 발전을 촉진을 위해 출판
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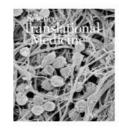
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Clonal selection drives protective memory B cell responses in controlled human malaria

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Research in Science journals.

SCIENCE | 15 FEB 2019: 703 우두 가능 여부 체크 Full Text PDF

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Keep science on the horizon

BY JOHN BEDDINGTON

SCIENCE | 15 FEB 2019: 671 | 6

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Summary

PRODUCTS & MATERIALS

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SCIENCE | 15 FEB 2019: 782 | 6

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First Release

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FEBRUARY 14, 2019

Parallel adaptation of rabbit populations to myxoma virus

BY JOEL M. ALVES, MIGUEL CARNEIRO, JADE Y. CHENG, ANA LEMOS DE MATOS, MASMUDUR M. RAHMAN, LIISA LOOG, PAULA F. CAMPOS, NATHAN WALES, ANDERS ERIKSSON, ANDREA MANICA, TANJA STRIVE, STEPHEN C. GRAHAM, SANDRA AFONSO, DIANA J. BELL, LAURA BELMONT, JONATHAN P. DAY, SUSAN J. FULLER, STÉPHANE MARCHANDEAU, WILLIAM J. PALMER, GUILLAUME QUENEY, ALISON K. SURRIDGE, FILIPE G. VIEIRA, GRANT MCFADDEN, RASMUS NIELSEN, M. THOMAS P. GILBERT, PEDRO J. ESTEVES, NUNO FERRAND, FRANCIS M. JIGGINS

PUBLISHED ONLINE | 14 FEB 2019 | △

DOI: 10.1126/science.aau7285 Abstract Full Text PDF

Structures of human Na_v1.7 channel in complex with auxiliary subunits and animal toxins

BY HUAIZONG SHEN, DONGLIANG LIU, KUN WU, JIANLIN LEI, NIENG YAN PUBLISHED ONLINE | 14 FEB 2019 | ≜

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Book and media reviews from the journal Science, edited by Valerie Thompson.



Valerie Thompson, Editor



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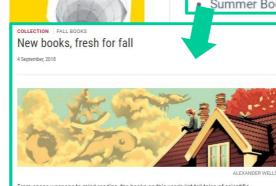
BOOK HISTORY OF SCIENCE SCIENCE LIVES

Unexpected connections emerge in a lyrical meditation on the lives and loves of pioneering women in science

18 FEBRUARY, 2019

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Vol. 363, Issue 6428, pp. 678 DOI: 10.1126/science.363.6428.678

주제분야







SNS 공유

How rabbits escaped a deadly virus—at least for now

저자 및 논문 정보 Elizabeth Pennisi + See all authors and affiliations Science 15 Feb 2019:



Summary

New research has written another chapter in the textbook case of an arms race between a host and its pathogen. The main characters in this 70-year seesaw drama are the voracious European rabbit (Oryctolagus cuniculus) and a virus deliberately released in France and Australia to kill off the rabbits and protect fields and pastures. Working with museum specimens collected decades ago, a team has discovered that rabbits on two continents evolved the same genetic changes to beat back the virus—before the virus itself changed to regain the upper hand. The find is another striking example of how evolution sometimes repeats itself, and suggests we might be able to predict nature's course in to some degree.



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IN DEPTH EVOLUTION



How rabbits escaped a deadly virus—at least





Elizabeth Pennisi

+ See all authors and affilia

Science 15 Feb 2019: Vol. 363, Issue 6428, pp. 67 DOI: 10.1126/science.363.64



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Summary

New research has wr and its pathogen. Th European rabbit (Or Australia to kill off th specimens collected evolved the same ge regain the upper har repeats itself, and su

Summary 요약

New research has written another chapter in the textbook case of an arms race between a host and its pathogen. The main characters in this 70-year seesaw drama are the voracious European rabbit (Oryctolagus cuniculus) and a virus deliberately released in France and Australia to kill off the rabbits and protect fields and pastures. Working with museum specimens collected decades ago, a team has discovered that rabbits on two continents evolved the same genetic changes to beat back the virus-before the virus itself changed to regain the upper hand. The find is another striking example of how evolution sometimes repeats itself, and suggests we might be able to predict nature's course in to some degree.

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Joel M. Alves et al. Science.

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Christopher Kemp, Science

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Focusing In on Virus Inactivation

Jagdeep S. Obhrai. Sci Transl Med.

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Elizabeth Pennisi. Science

Viruses up their game in arms race with immune system 2

Phys.org

Darwin's rabbit helps to explain the fightback against myxomatosis 3

Next step in the ongoing arms race between myxoma virus and wild rabbits in Australia is a novel disease phenotype 2

Peter J. Kerr et al., Proc Natl Acad Sci U S A

Evolutionary clash between myxoma virus and rabbit PKR in Australia

Hannah M. Burgess et al., Proc Natl Acad Sci U S

A real Peter Rabbit tale: Biologists find key to myxoma virus/rabbit coevolution @

Kansas State University, ScienceDaily



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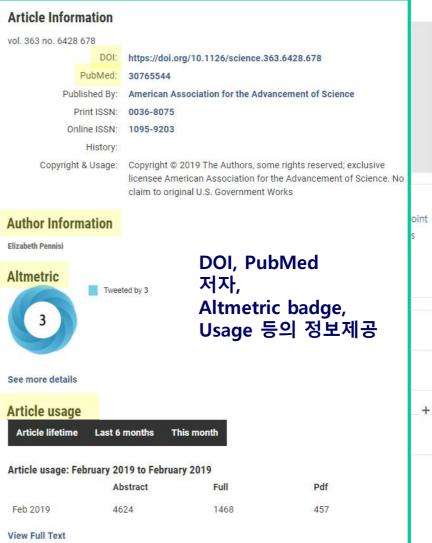


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Summary

New research has written another chapter in the textbook case of an and its pathogen. The main characters in this 70-year seesaw drama European rabbit (*Oryctolagus cuniculus*) and a virus deliberately released Australia to kill off the rabbits and protect fields and pastures. Working specimens collected decades ago, a team has discovered that rabbits evolved the same genetic changes to beat back the virus—before the regain the upper hand. The find is another striking example of how expects itself, and suggests we might be able to predict nature's cour





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IN DEPTH EVOLUTION

How rabbits escaped a deadly virus—at least for now

Elizabeth Pennisi

- Hide authors and affiliations

Science 15 Feb 2019: Vol. 363, Issue 6428, pp. 678 DOI: 10.1126/science.363.6428.678

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Thresholds of catastrophe in the Earth system

DOI: 10.1126/sciadv.1700906 Science Advances Vol. 3, No. 9

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RESEARCH AND REVIEWS

By Daniel H. Rothman | Sep 2nd, 2017

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DOI: 10.1126/science.aar4944

How to make a planet just like Earth

By Daniel Clery | Jan 6th, 2015

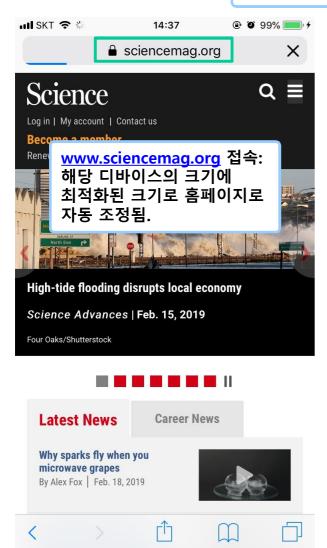
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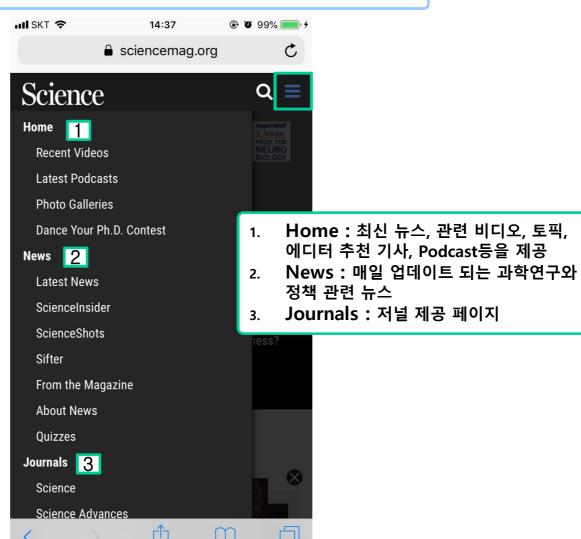


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